

# **Orion2 TCU Advance Class**

Firmware are customized for each type of transmission. This is due to the different control solenoids and operation of each Transmission. Below is an explanation of the different features although there is not much difference in the Classes. Some may only be available in Advance class depending on the difficulty of control.

## **Sensors**

RPM and Speed sensors can be hall or magnetic type or the unit could be tapped into existing signals. TPS, Oil Temperature, Shifter Range Switch, Low Range Switch, Tune/Map Selection Switch and Tiptronic Buttons can be used with this class.

## **Solenoids**

This class can operate Multi Solenoids in Common Positive and/or Common Negative connection. It can do PWM and/or On/Off solenoids.

## **Speedo Calibration**

Speedometer can be calibrated with this class.

## **Features**

Features Like 2<sup>nd</sup> Gear start, Drive/Overdrive Selection, Low Range calculation, Speedometer Calibration and Oil Temperature Compensation can be done with this class.

Normal features are Tiptronic, 4 Tune/Map selections, Shift tuning per gear, Line Pressure Control, Lockup Control etc.

## **GP Outputs**

Up to 2 General outputs can be used for fan control, Shift light etc.